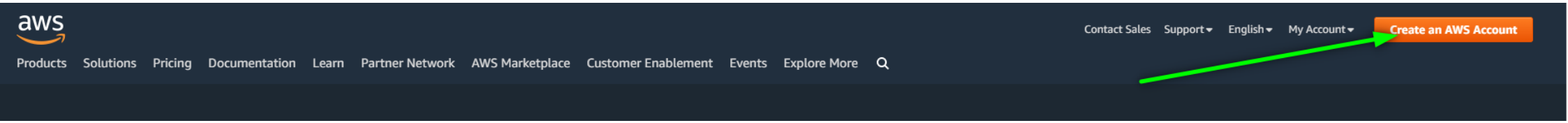
Hi all!

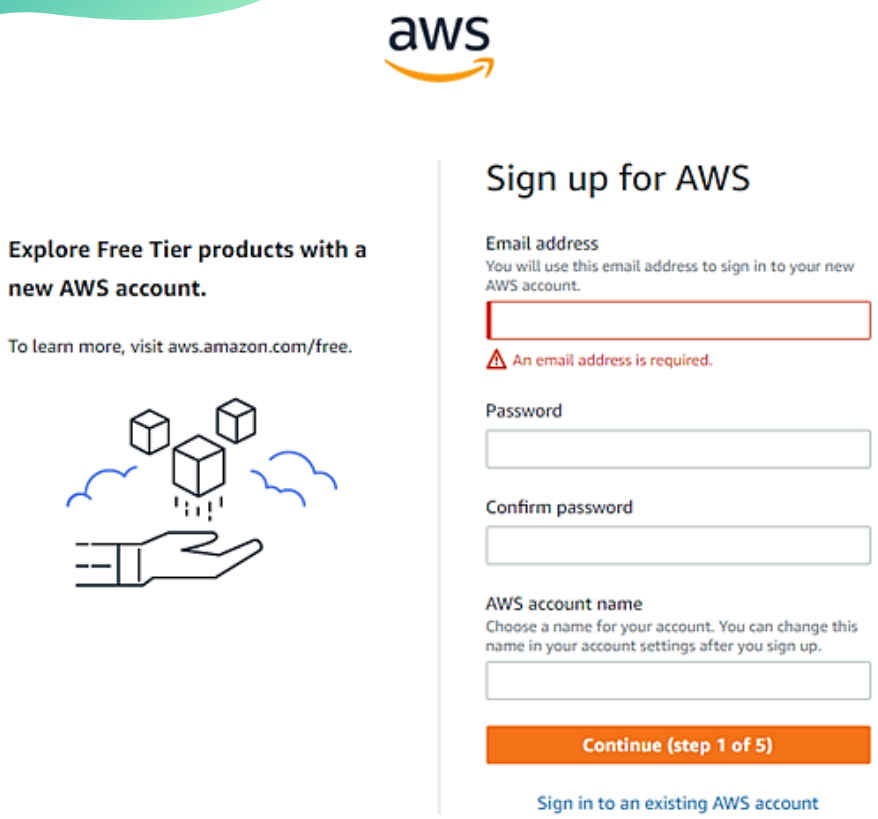
Before we start with the manual, we would like to introduce our selves. We are just regular people like you who are fighting with diabetes. We are not a huge corporation, which has developed something for money, and we also don't claim that we have created the most genius thing in the world. We have gathered together and each one of us contributed to the project with his own skills.
The developer of the code's name is Yaron Khazai, who is a CTO at a software company which I – George Mustakov also used to work for.
The design touch has been provided by Ivan Ivanov from Don't Blink Studio, who is a very good friend of the diabetes community.
If anyone would like to contribute to the project with anything (code, UI, etc), please feel free to contact Yaron through his github.

1. Please follow the link:
https://aws.amazon.com/

2. Select 'Create and AWS Account' at the top right corner:



3. The first step of the registration process will open. Just follow the instructions on the screen.



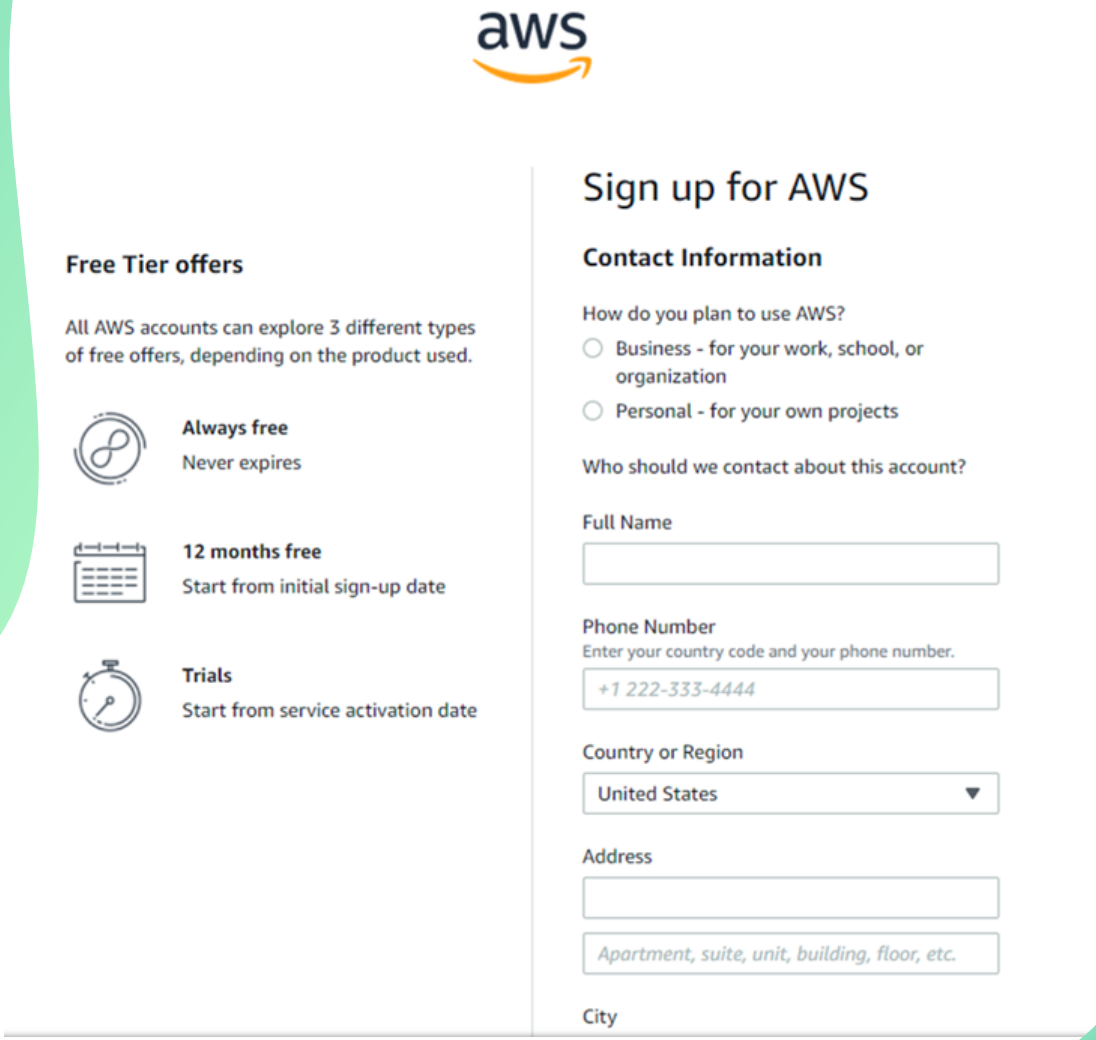
3.1. In step 1 enter your e-mail address, which you will also use as username to log in.

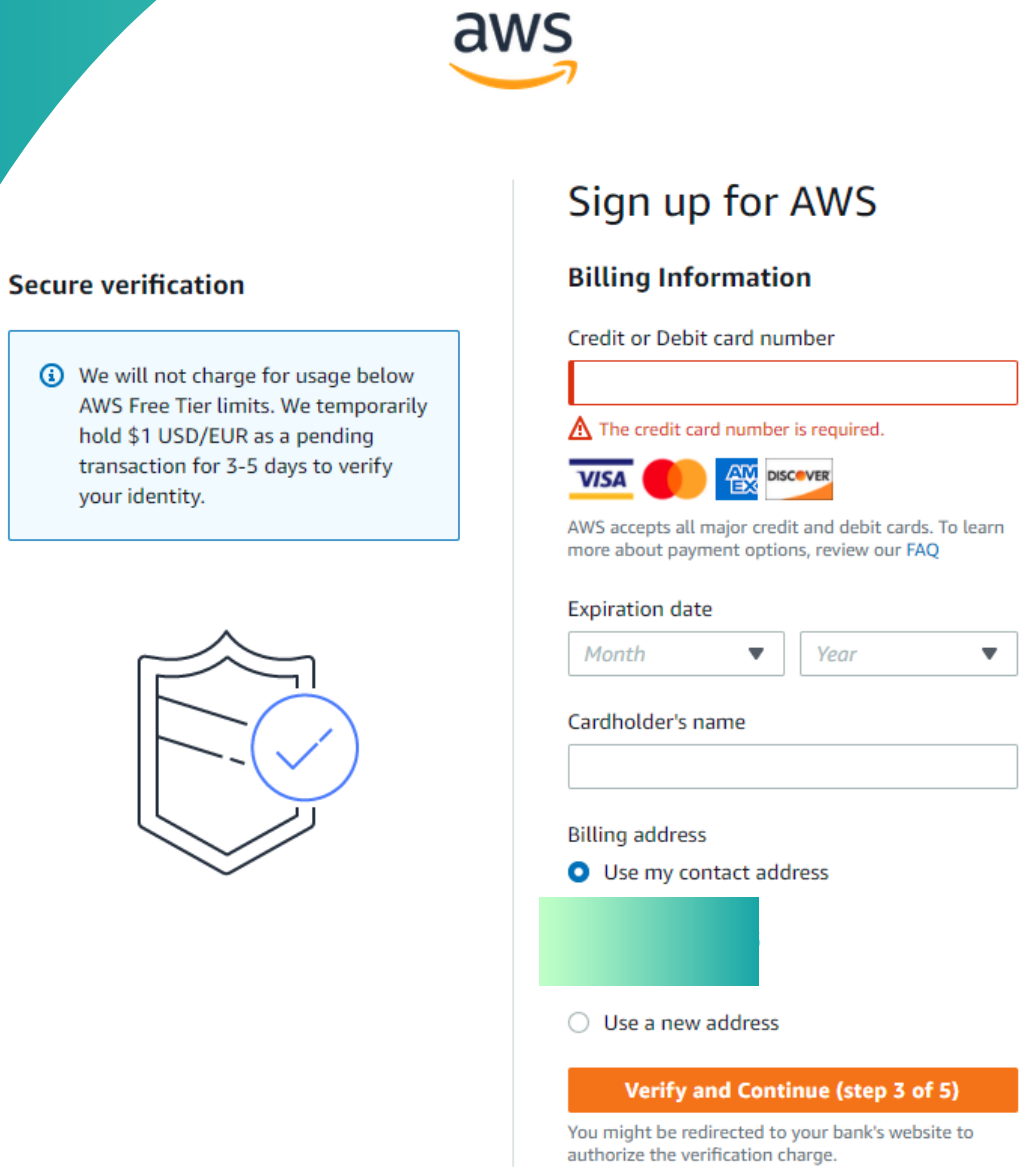
Create a strong password and confirm it in the next field.

Choose a name for your account. It can be changed later from the Settings.

3.2. In step 2 select ‘Personal’ from the radio button and fill in the fields further below.

Pay attention to the format (given in light grey) of the phone number, which is requested, or the validation will not let you continue to the next step.

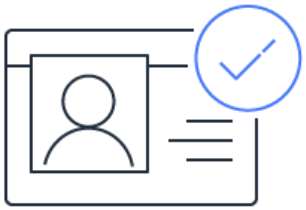


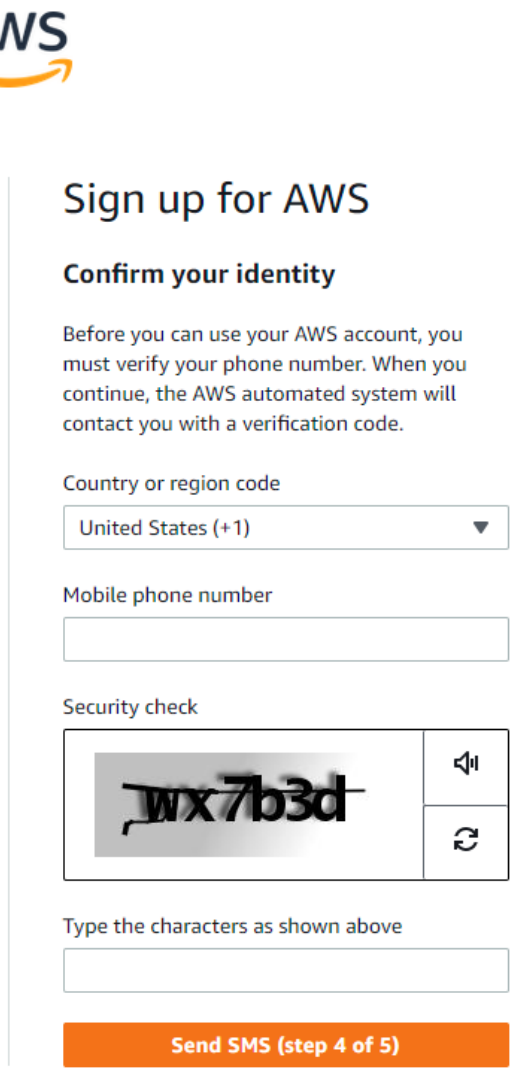


3.3. In step 3 enter valid card details.

Amazon will block 1 USD/EUR from your account and give it back to you after 3-5 days. This is just to verify your identity.

The service which we are going to use is free of charge





3.4. Step 4 is asking for your phone number, so that AWS could send you an SMS with a verification code.

In case you don't receive an SMS, contact Amazon support and the will verify the account for you.

Sign up for AWS

Select a support plan

Choose a support plan for your business or personal account. Compare plans and pricing examples. You can change your plan anytime in the AWS Management Console.

Basic support - Free
- Recommended for new users just getting started with AWS
- 24x7 self-service access to AWS resources
- For account and billing issues only
- Access to Personal Health Dashboard & Trusted Advisor

Developer support - From $29/month
- Recommended for developers experimenting with AWS
- Email access to AWS Support during business hours
- 12 (business)-hour response times

Business support - From $100/month
- Recommended for running production workloads on AWS
- 24x7 tech support via email, phone, and chat
- 1-hour response times
- Full set of Trusted Advisor best-practice recommendations

Need Enterprise level support?

From $15,000 a month you will receive 15-minute response times and concierge-style experience with an assigned Technical Account Manager. Learn more

Complete sign up

3.5. At step 5 select 'Basic support – Free' plan and then click on 'Complete sign up'

Congratulations!

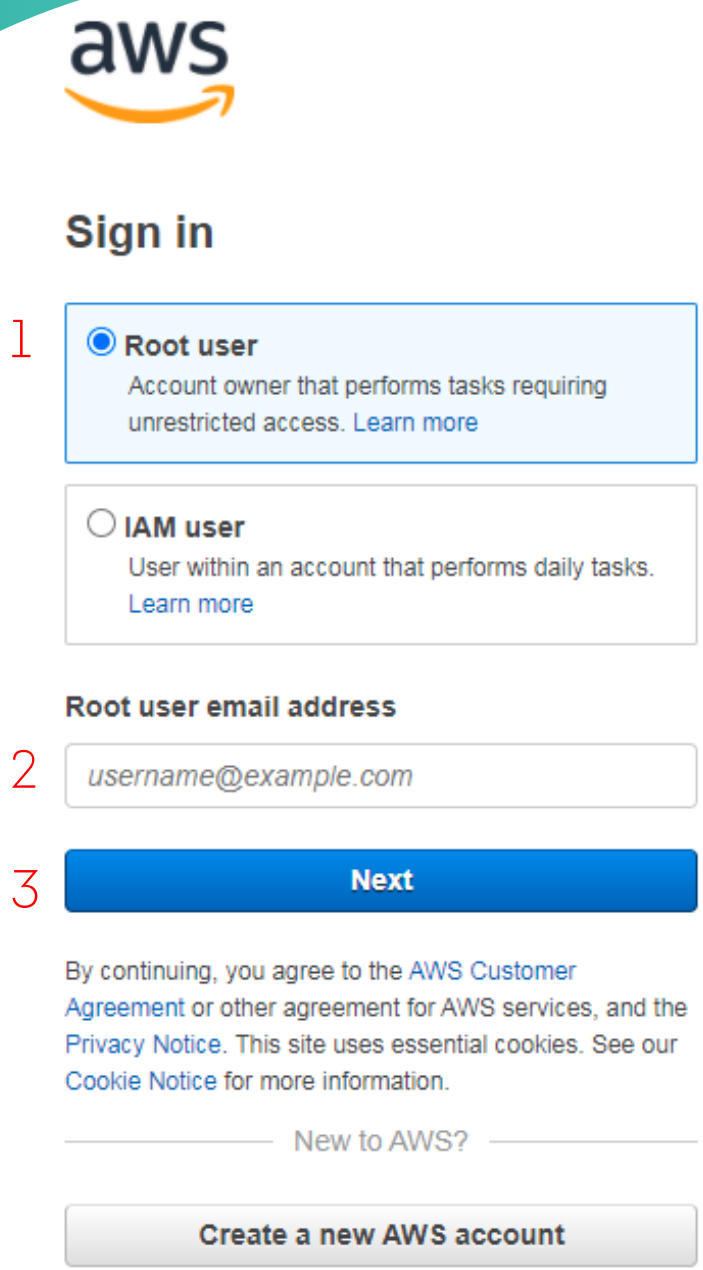
Thank you for signing up with AWS.

We are activating your account, which should take a few minutes. You will receive an email when this is complete.

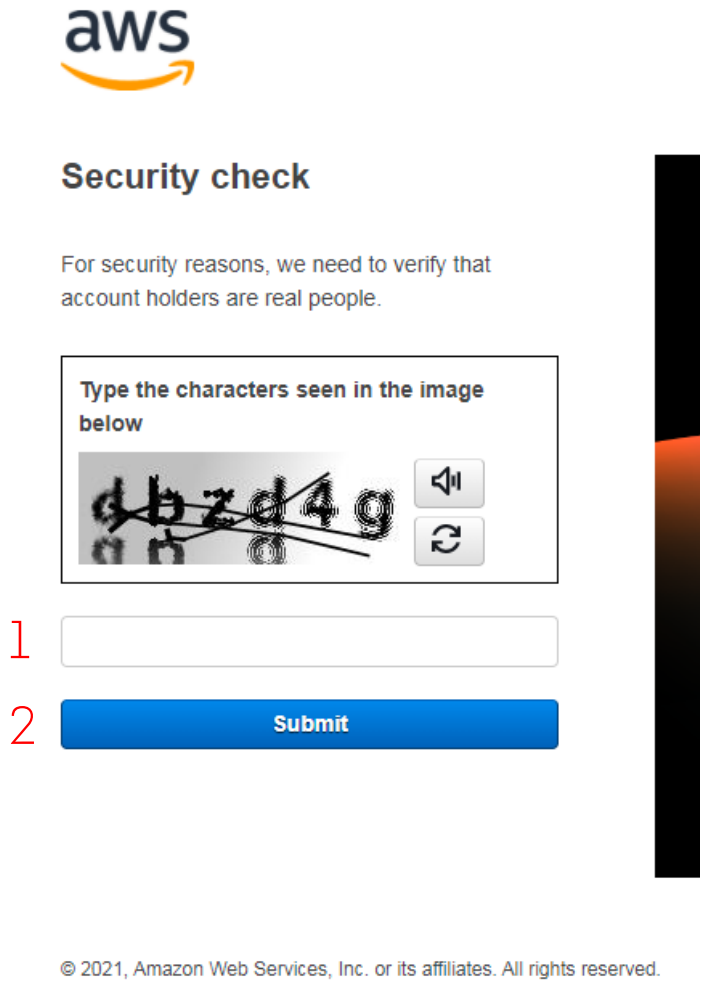
Go to the AWS Management Console

Sign up for another account or Contact Sales

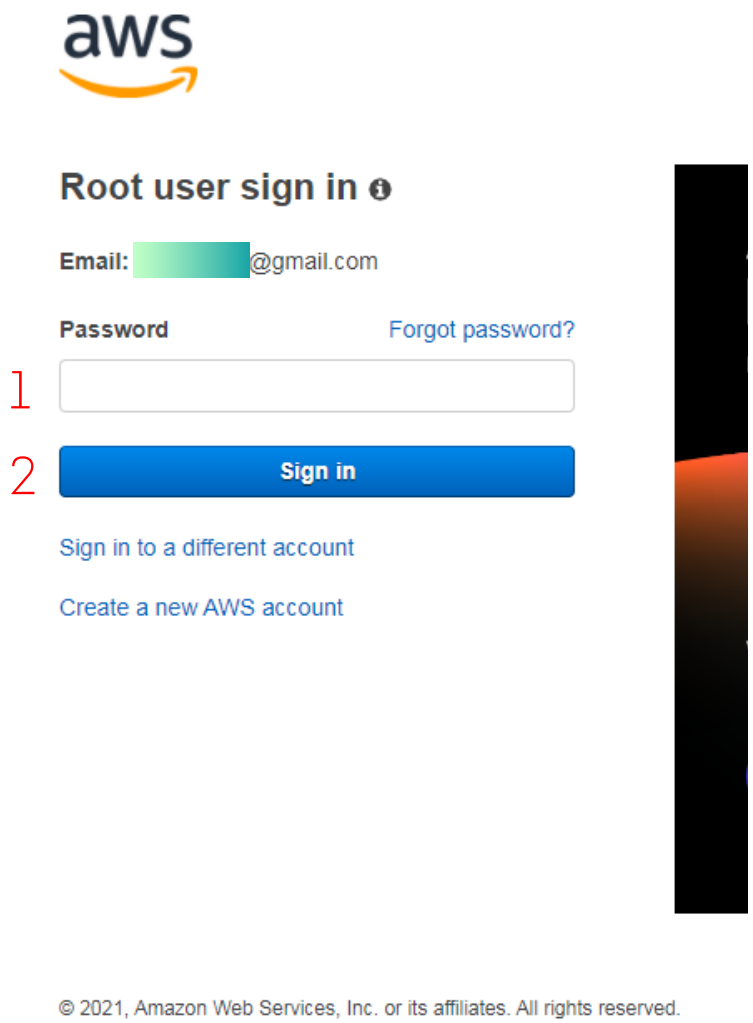
3.6. On the 'Congratulations' page, click on the large yellow button 'Go to the AWS Management Console'.



3.7. Sign in by selecting 'Root User', enter your e-mail address and click 'Next'

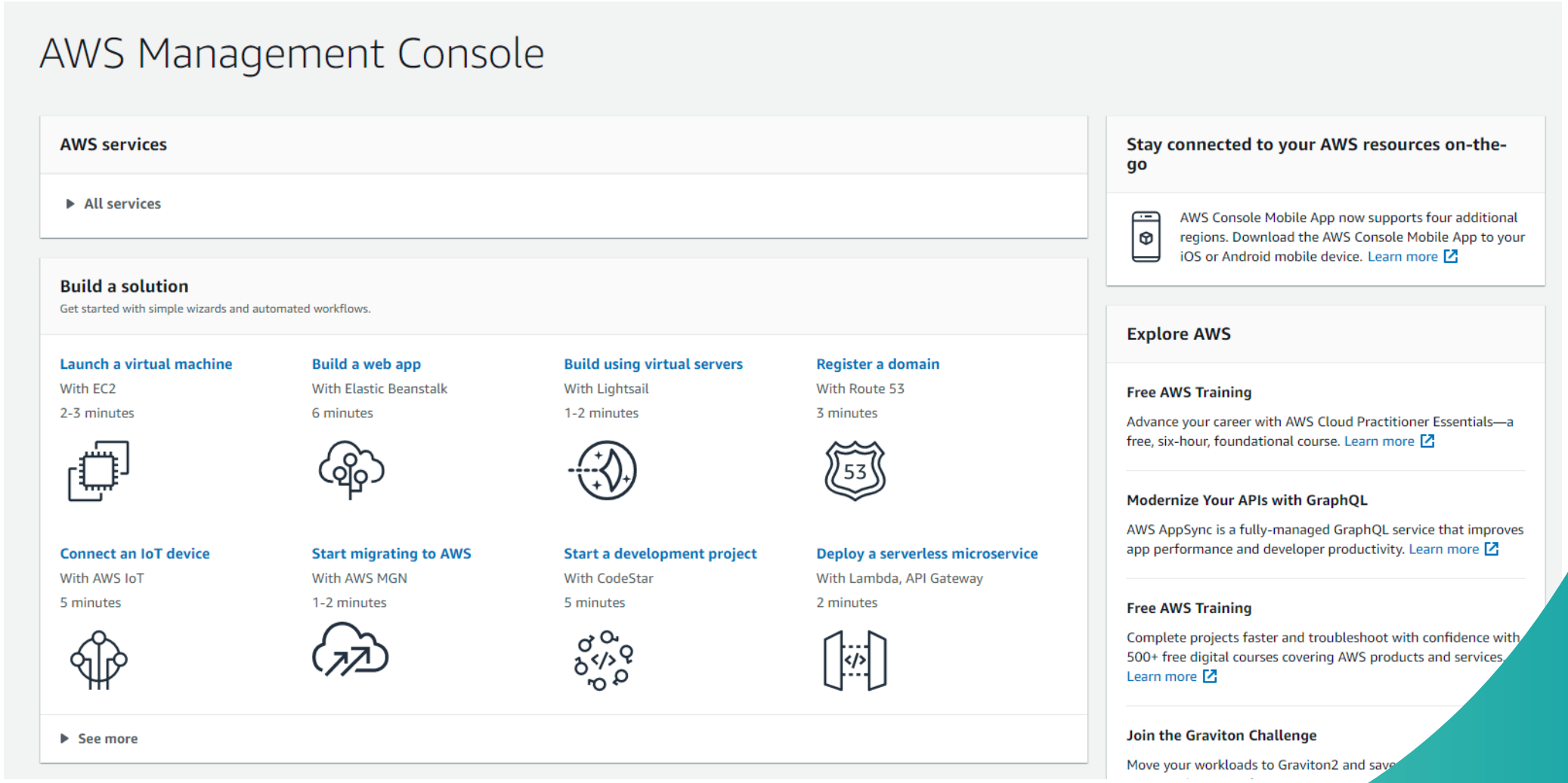


3.8. Pass the security check by entering the characters in the image and click 'Submit'

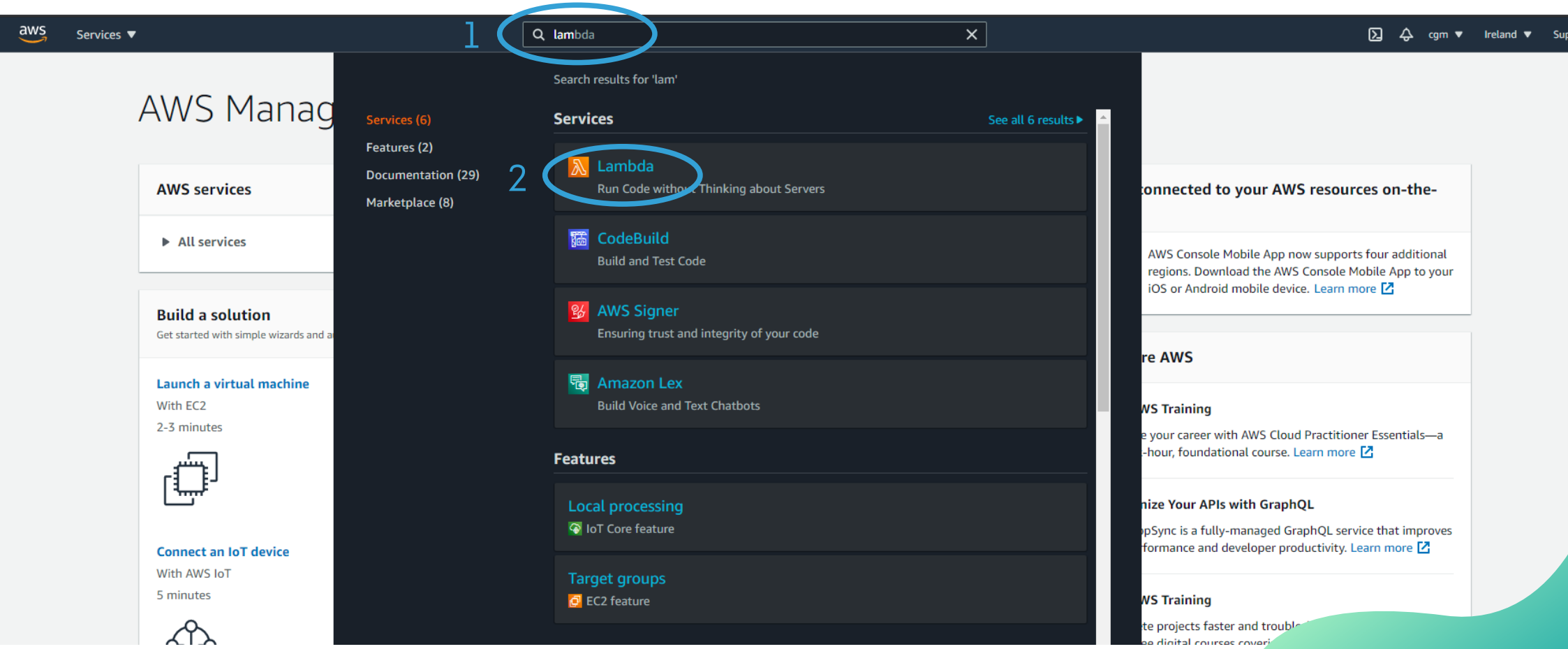


3.9. Now enter your password and click 'Sign in'

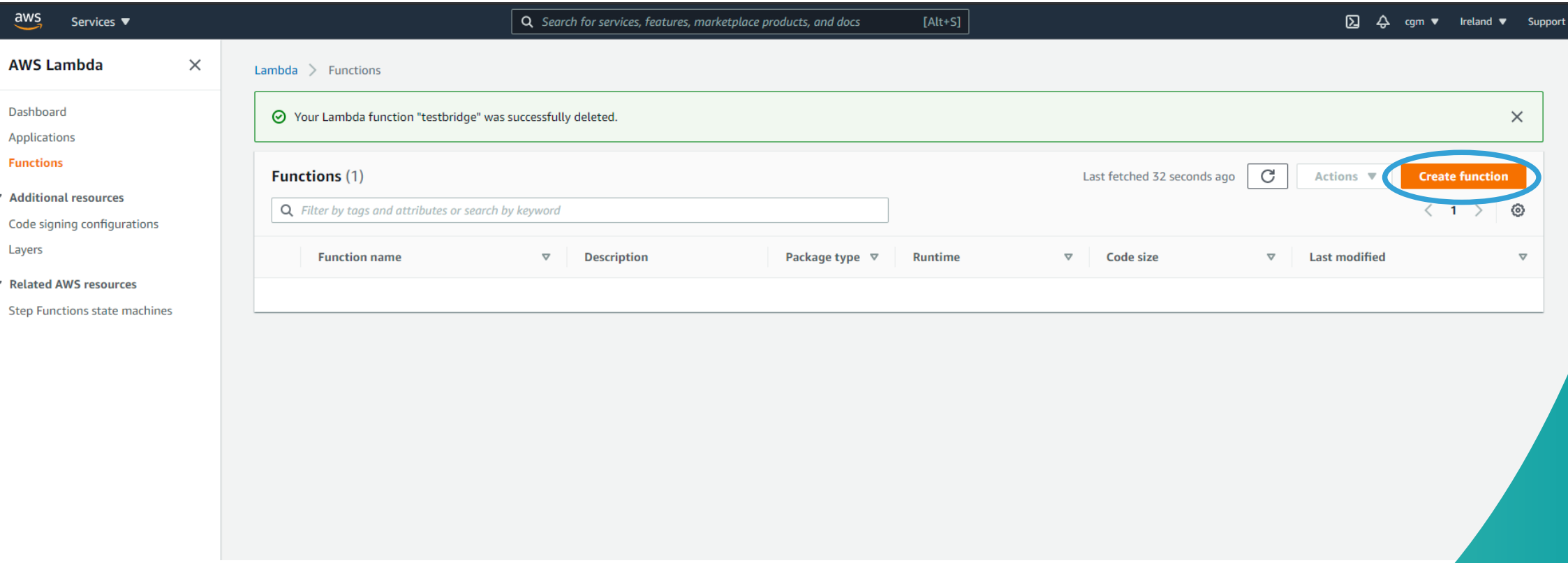
4. Now you've taken to the initial page of the console.



4.1. In the search field start typing 'Lambda' and click on the result which appears.



4.2. You will be transferred to the screen below. Click on the orange button ‘Create Function’ in the right corner.



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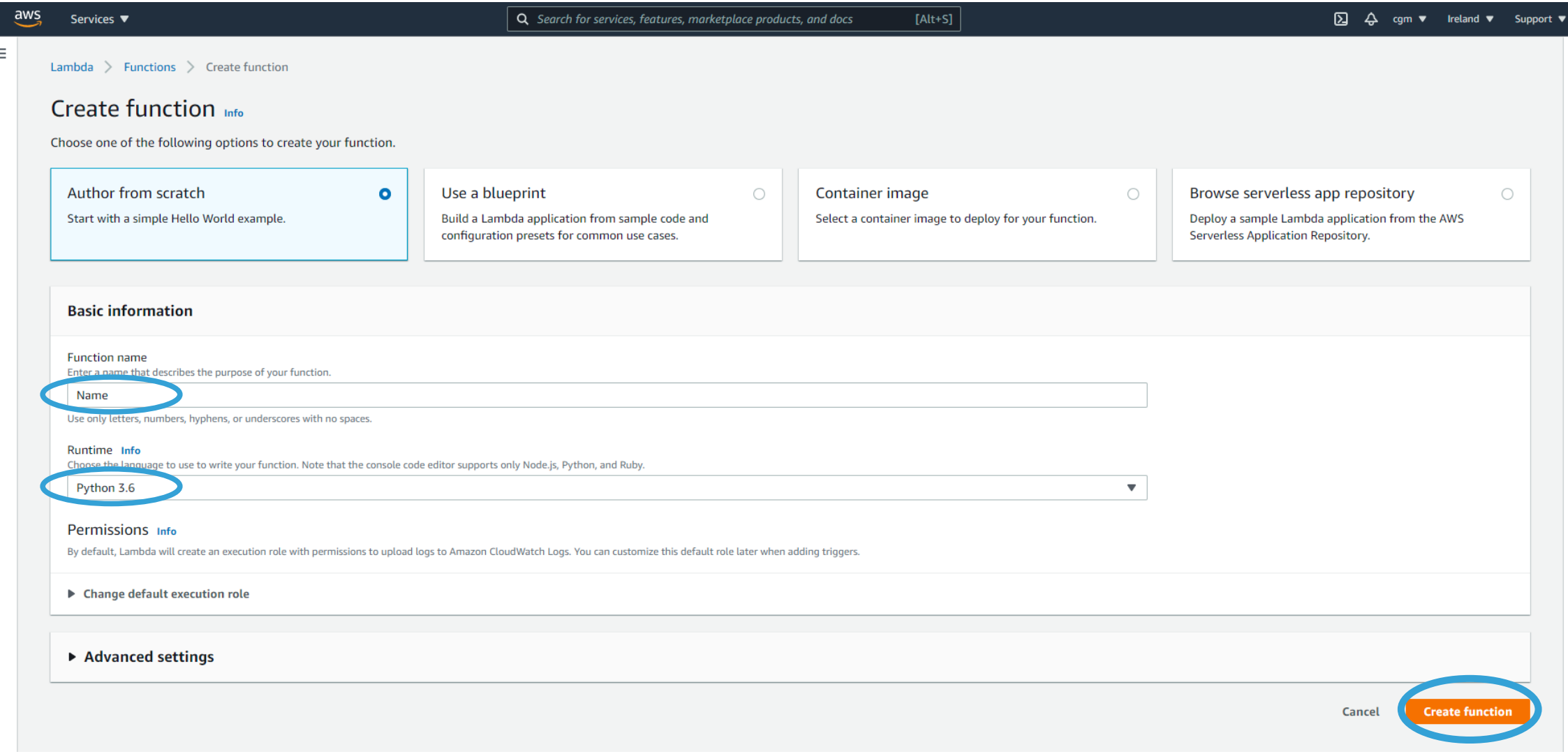
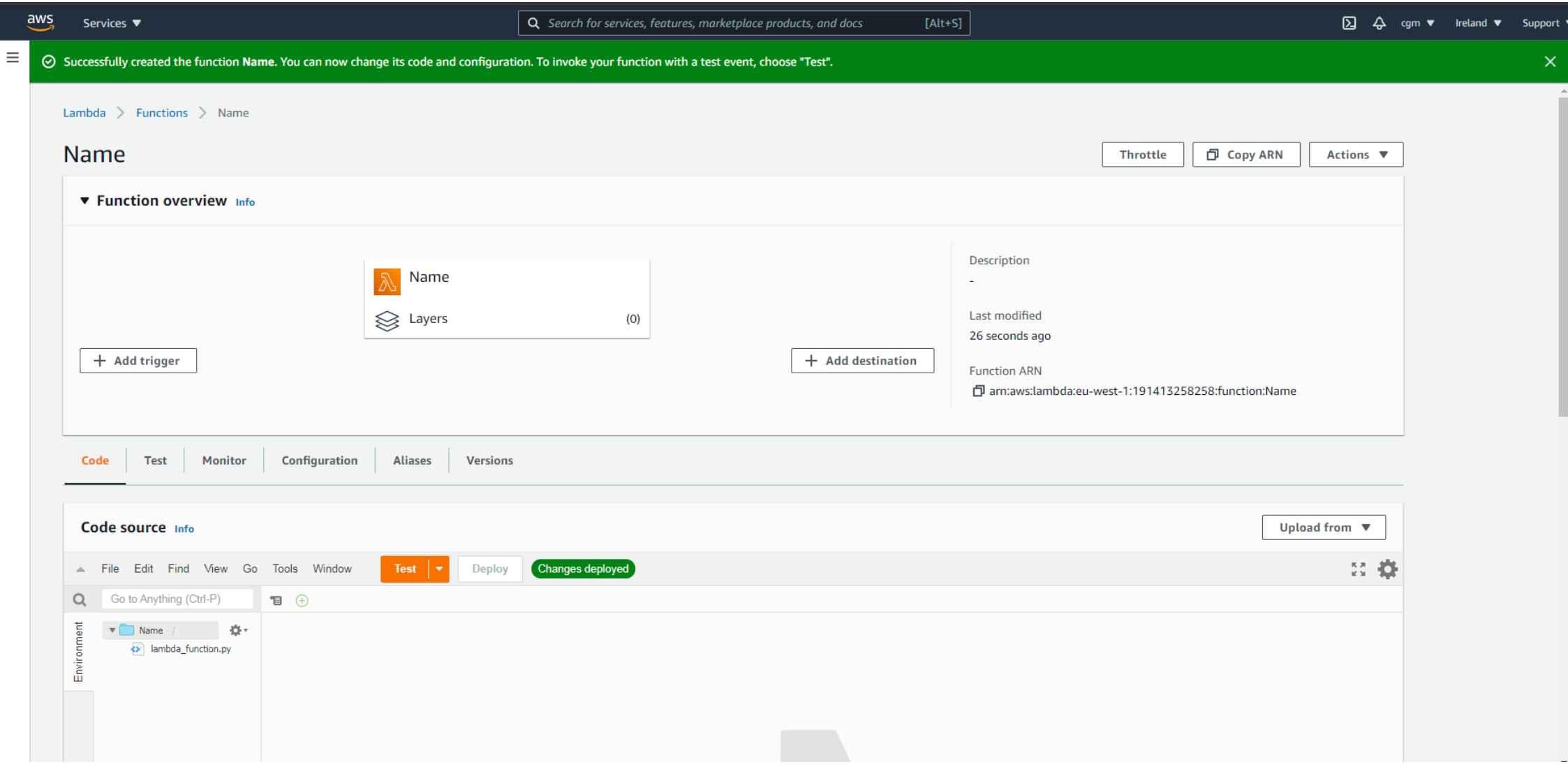
4.3. In the 'Function name' field enter a name. It can be anything. From the dropdown menu select Python 3.6 or 3.7. Any will do. Click on the 'Create Function' button at the bottom right corner.

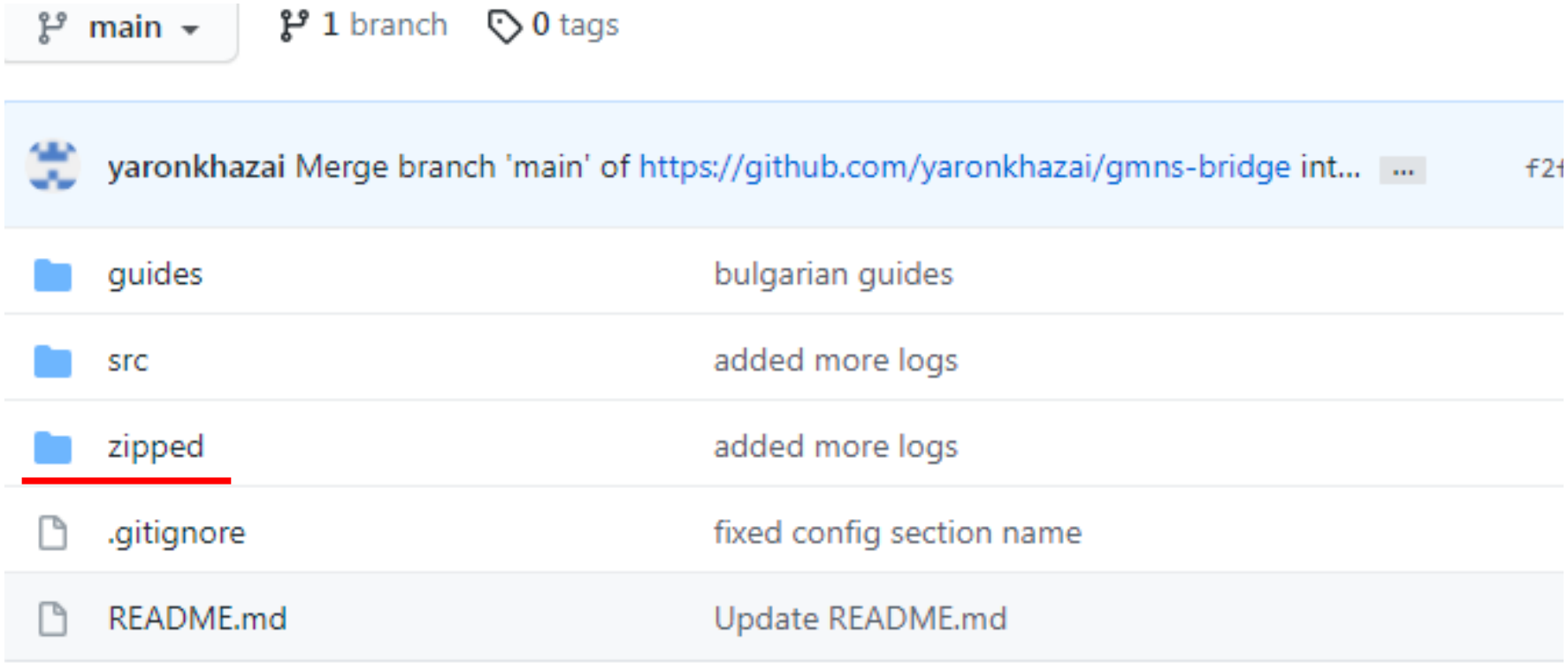


4.4. You will see the screen below:

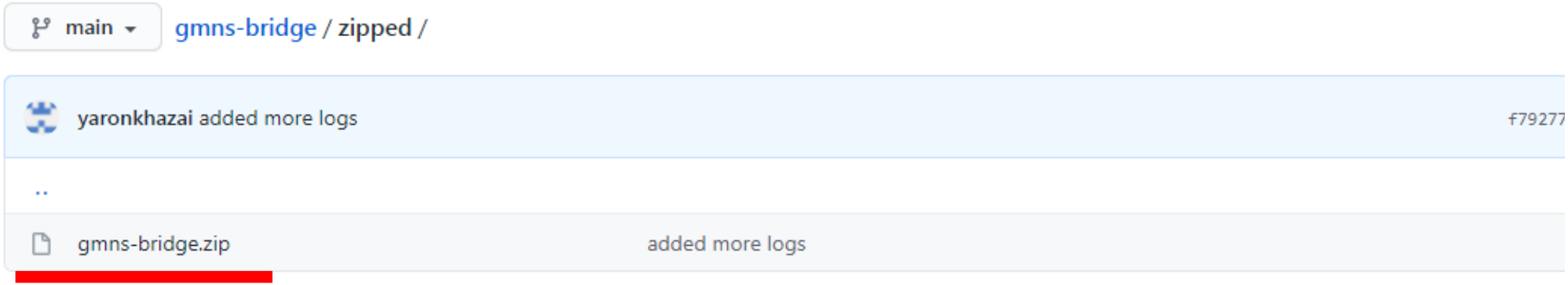


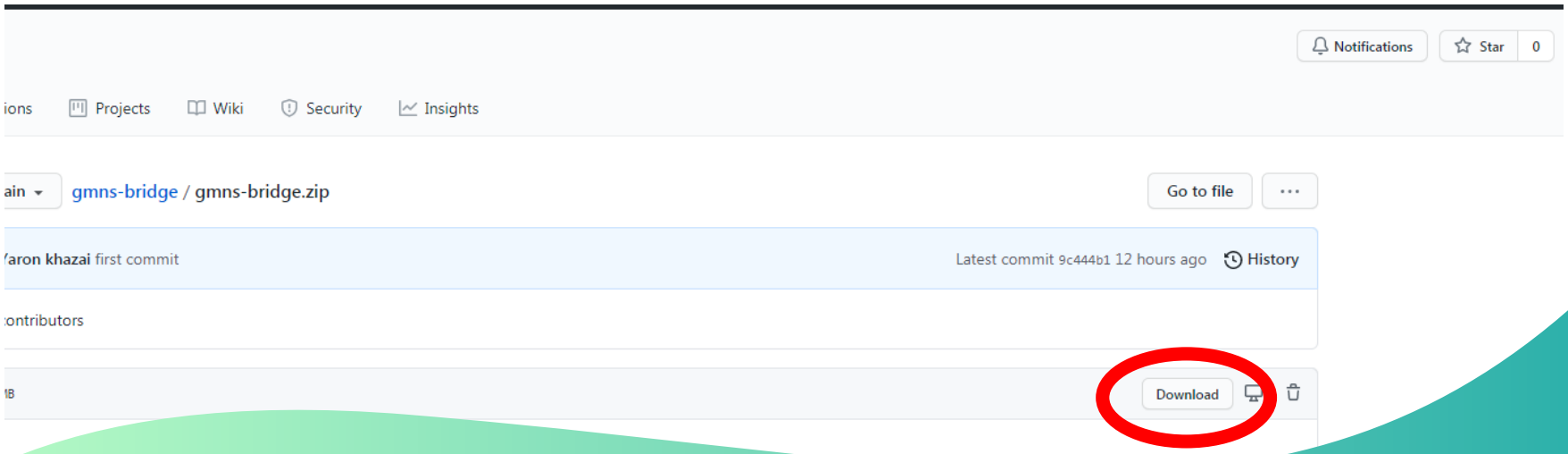
5. Now follow the link:
https://github.com/yaronkhazai/gmns-bridge

5.1. Locate the folder 'Zipped' and double-click on it to open it.



5.2. Click on the gmns-bridge.zip
5.3. Now click on the 'Download' button and remember the location of the file (desktop, Downloads folder, wherever you download stuff)





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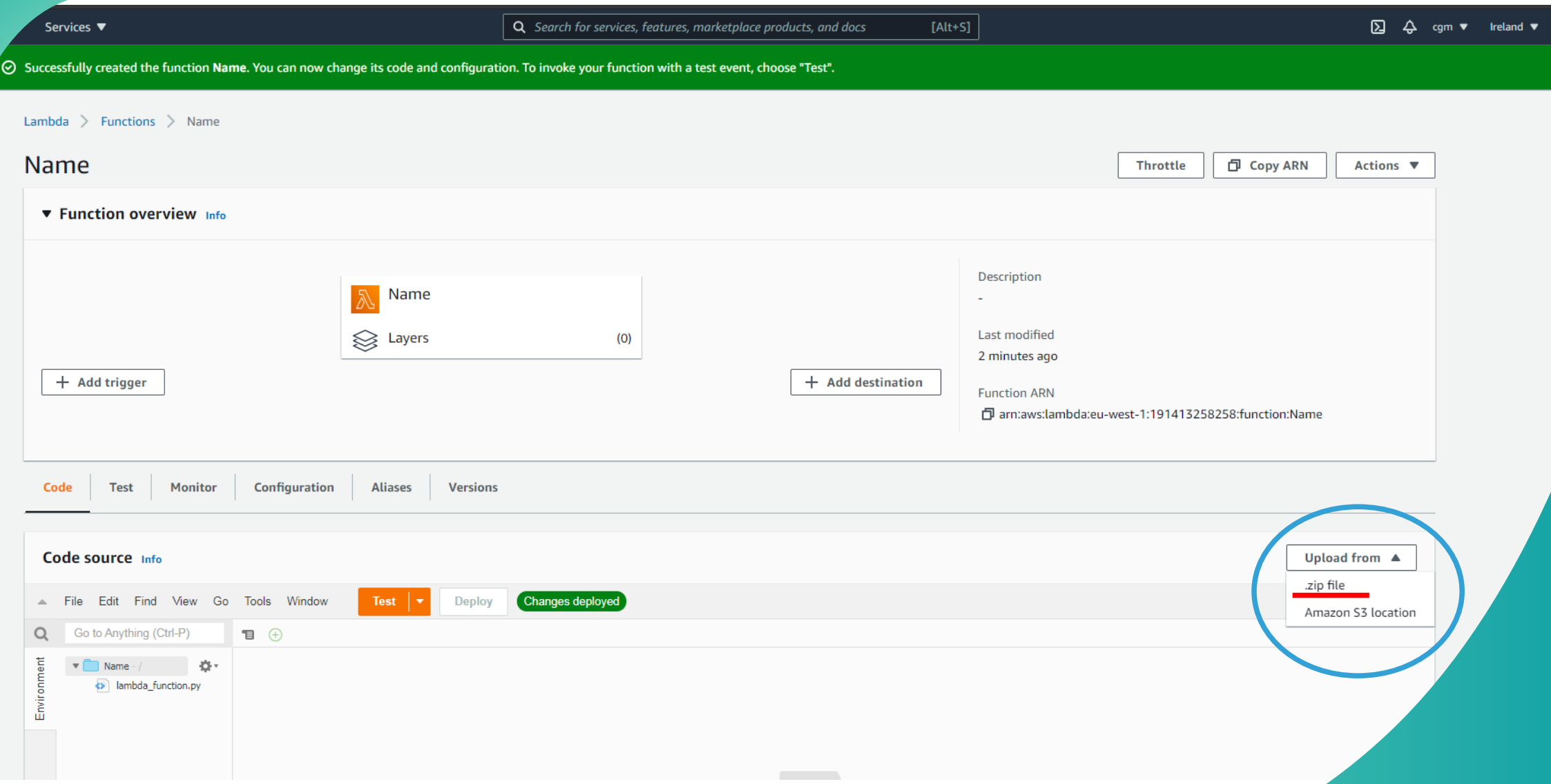
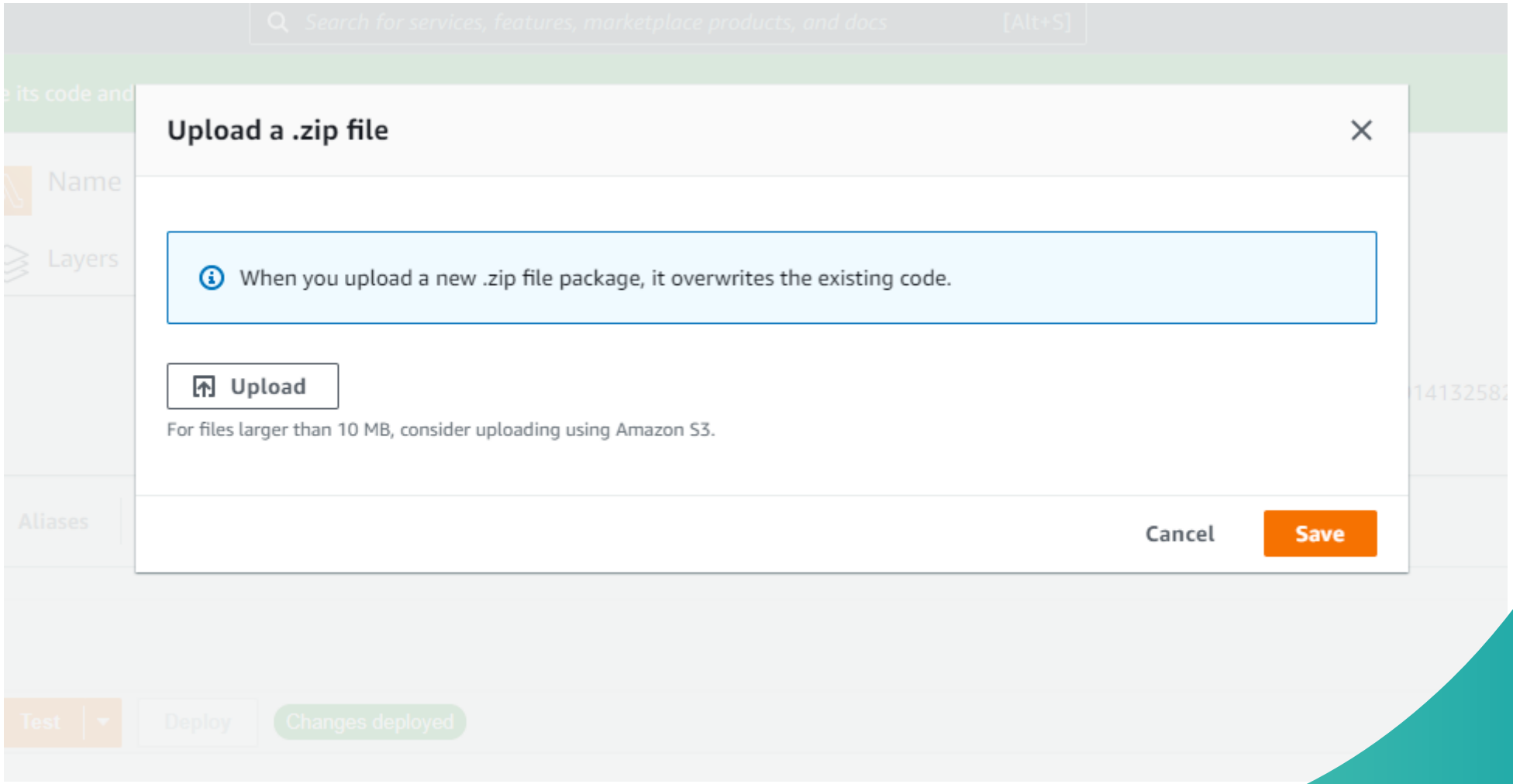
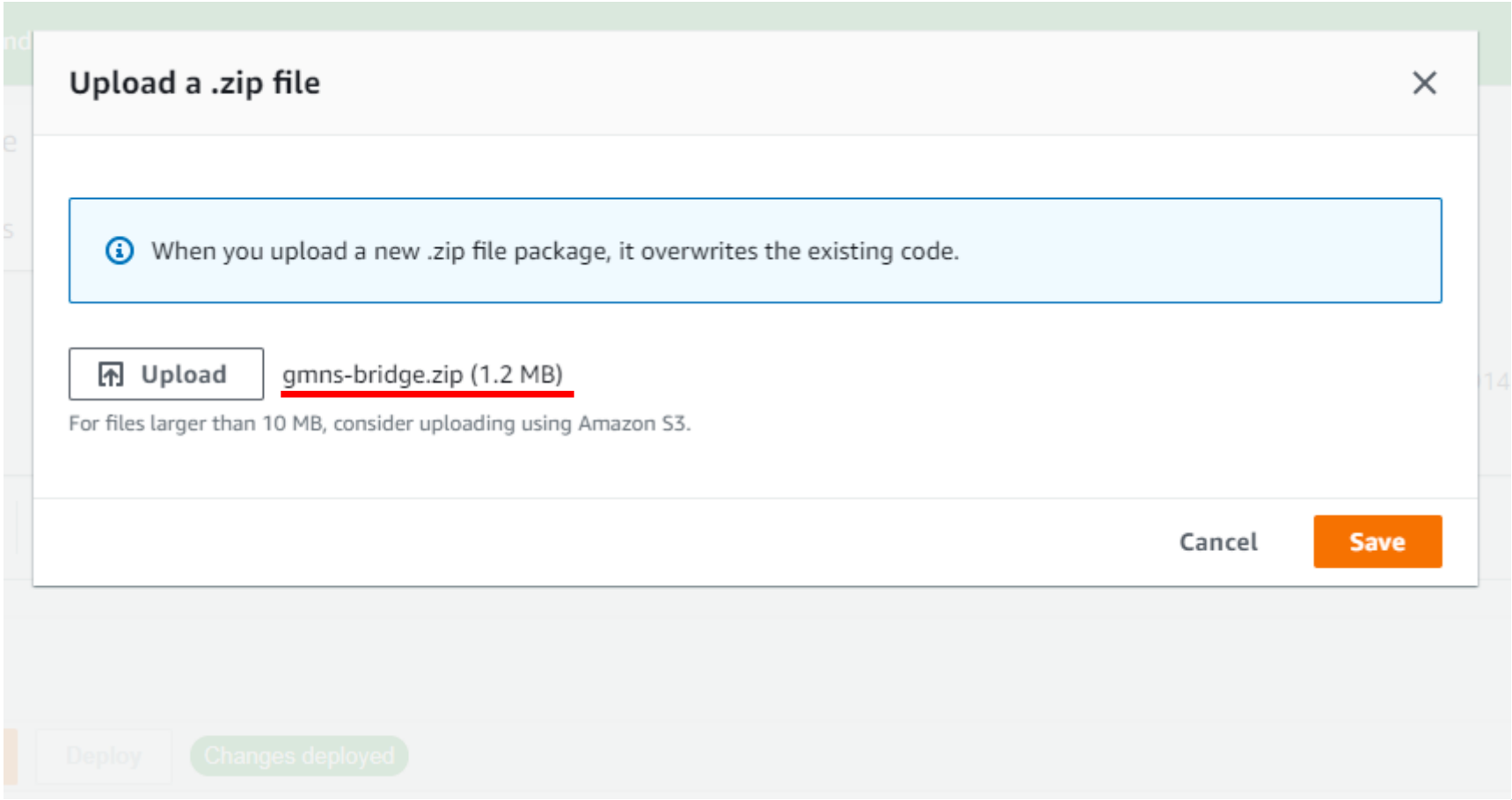
6. Go back to the function and from the dropdown 'Upload from' select .zip file



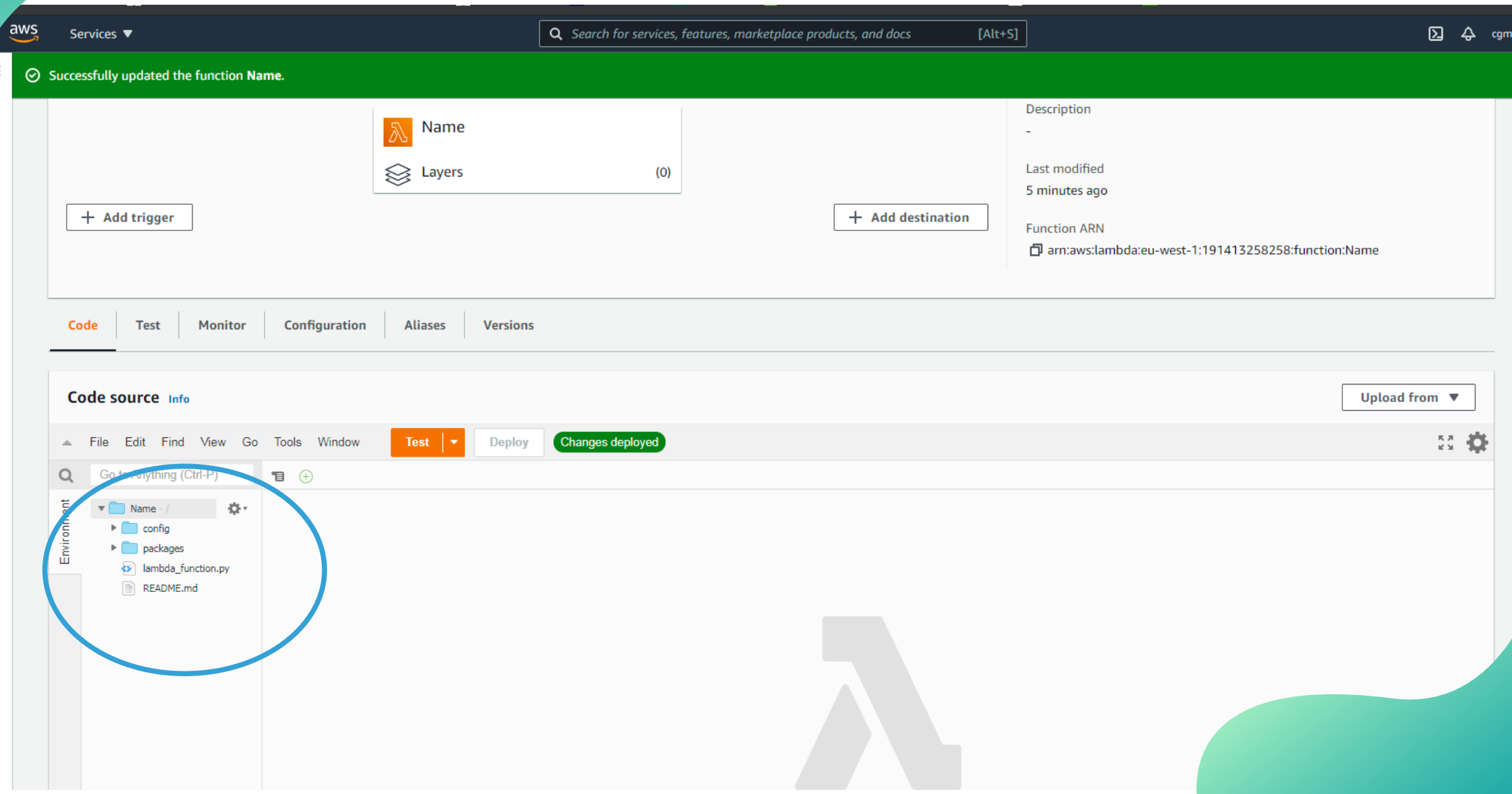
6.1. A window opens which will help us upload our file. Click on 'Upload' and select the zip file which we have just downloaded.



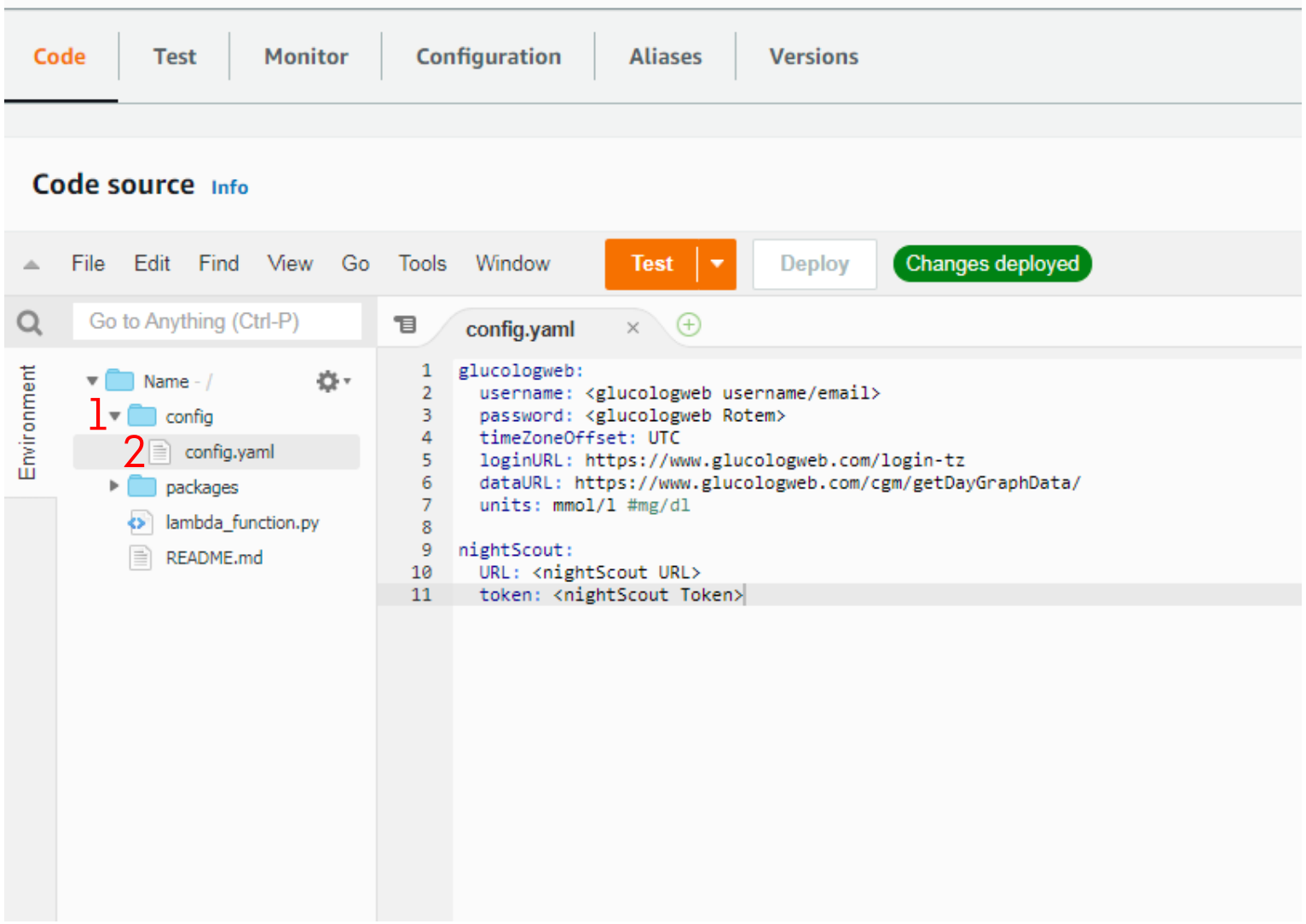
6.2. Once the file is uploaded, the window will confirm it. Click the 'Save' button



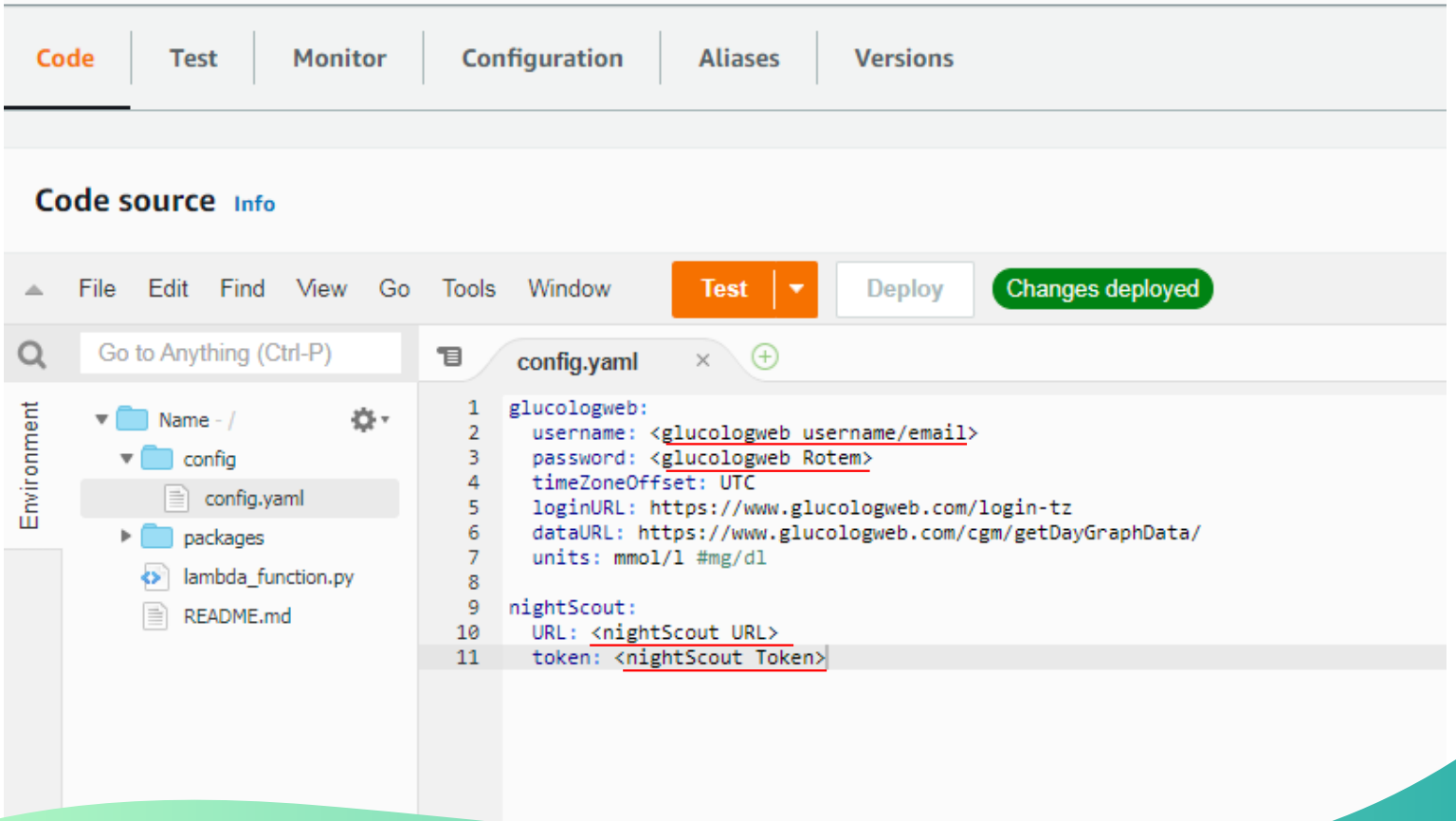
6.3. Back to the function. If everything was uploaded successfully, you will see that now there are a few folders on the left side.

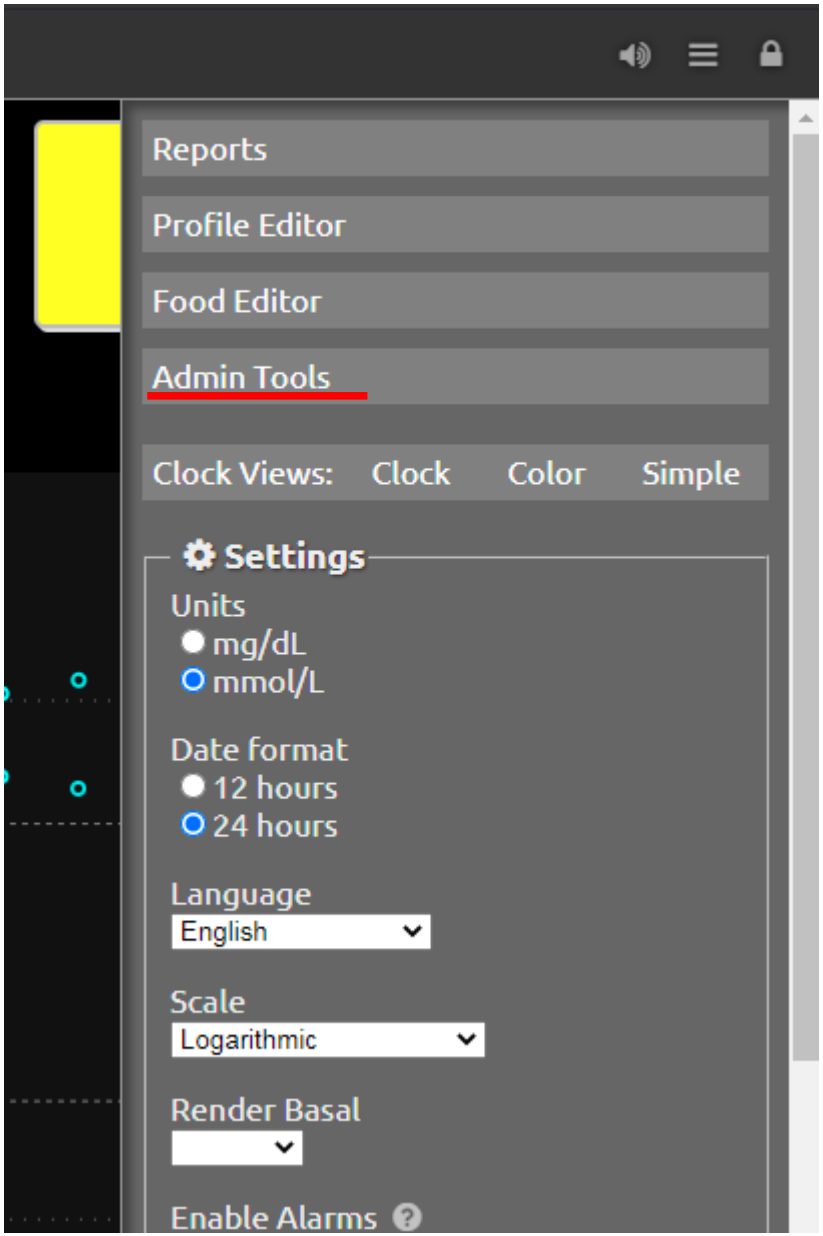


6.4. Click on the folder called 'Config' and then double-click on the config.yaml file to open the configurator.



6.5. Replace the username and password, which are under the 'glucologweb' category. These are you login credentials to glucologweb.com.
Replace also the URL with you Nightscout URL and token parameters.

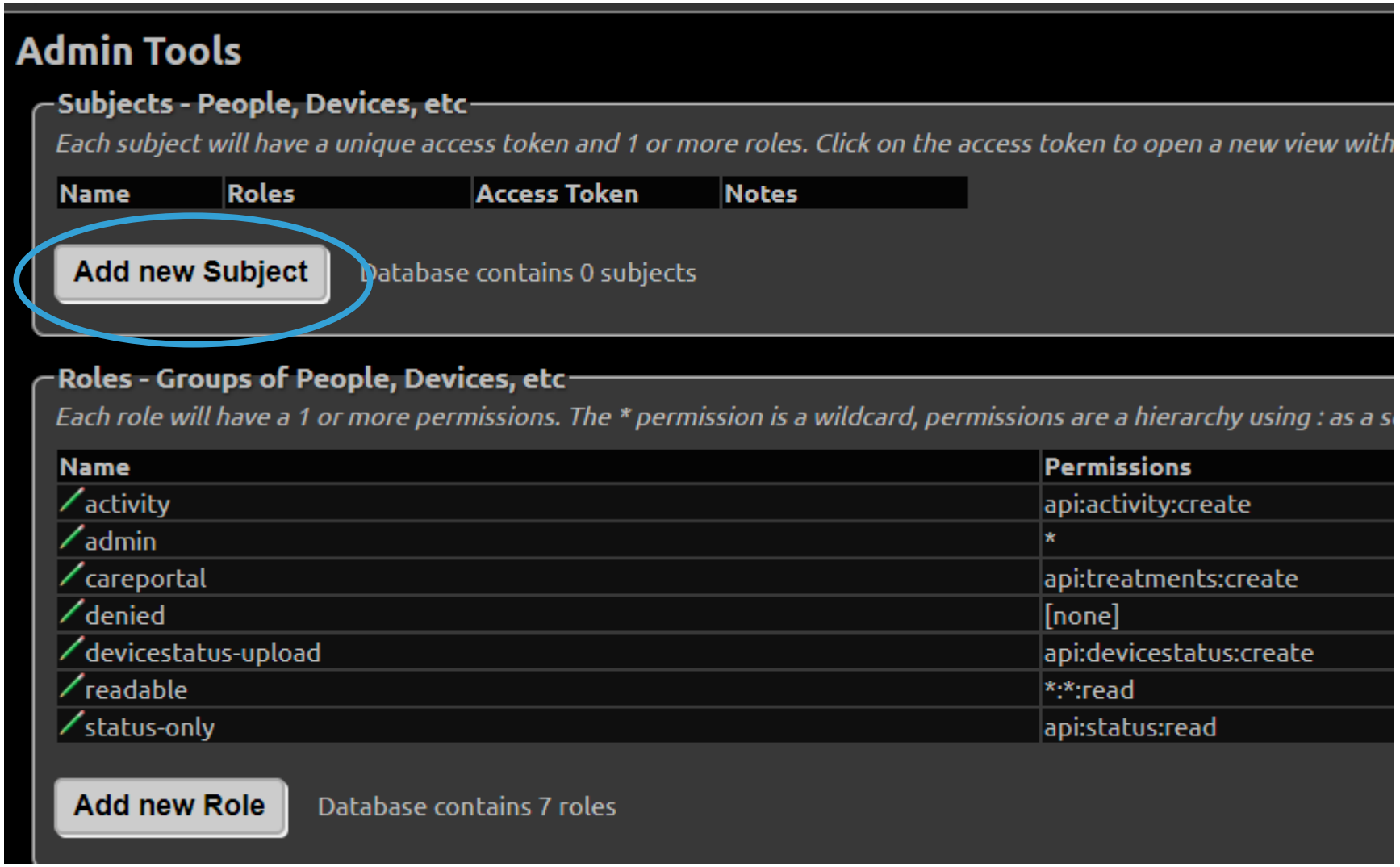




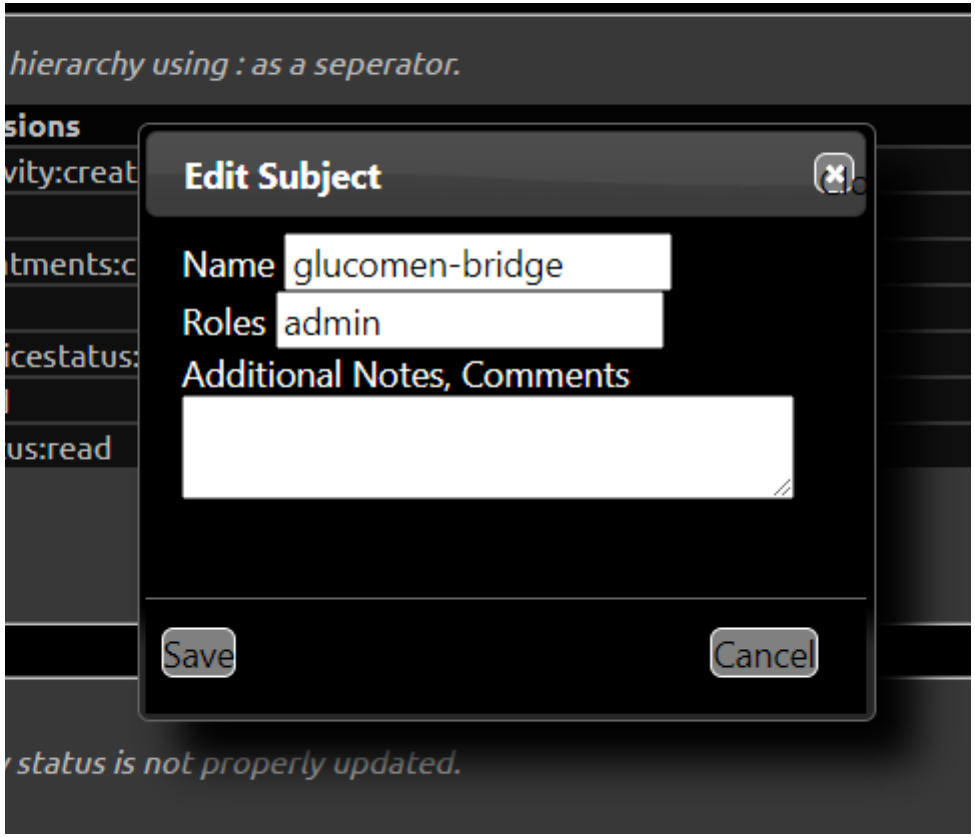
7. The last parameter ‘token’ is in your nighscout Admin Tools. If you don’t have one, here is how to generate it:

7.1. Load your nightscout and from the 3 lines at the top right click on ‘Admin Tools’

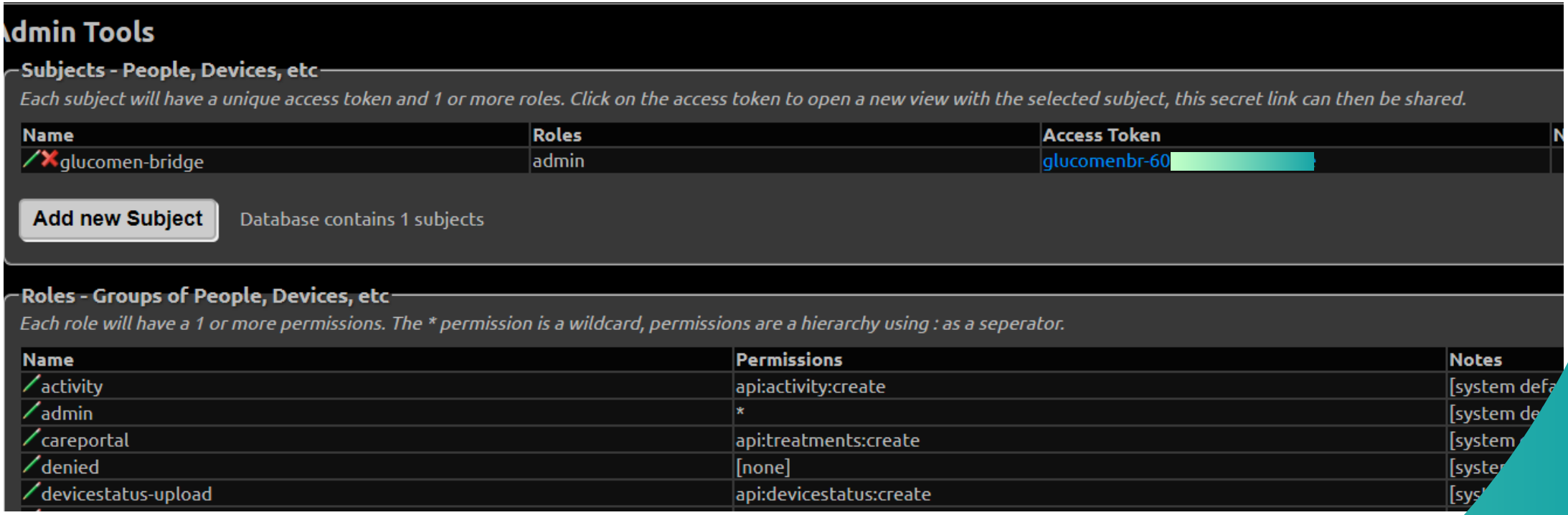
7.2. Click on 'Add new subject'



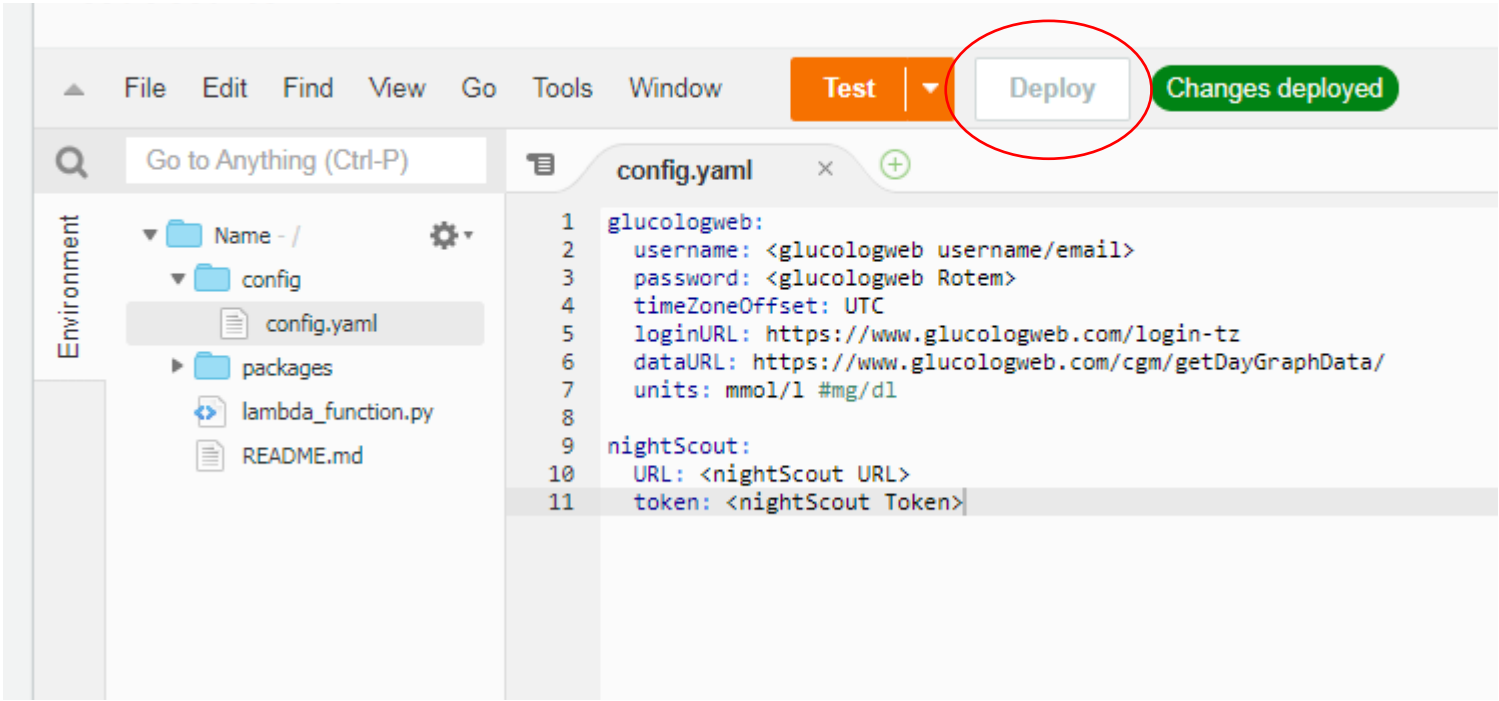
7.3. Give is a name (it can be anything) and give an 'admin' role. Click 'Save'



7.4. Your token is now visible and it contains parts from the name you gave it and digits.



7.5. Now you are ready to save the changes you've made to the config file by clicking the 'Deploy' button. It functions like a 'Save' button. Every time when you change anything from the config, you have to click on the 'Deploy' button in order for the changes to take effect.
That's it! Your function is ready! What's left is to configure something which will trigger our function to be executed automatically as per scheduled time.



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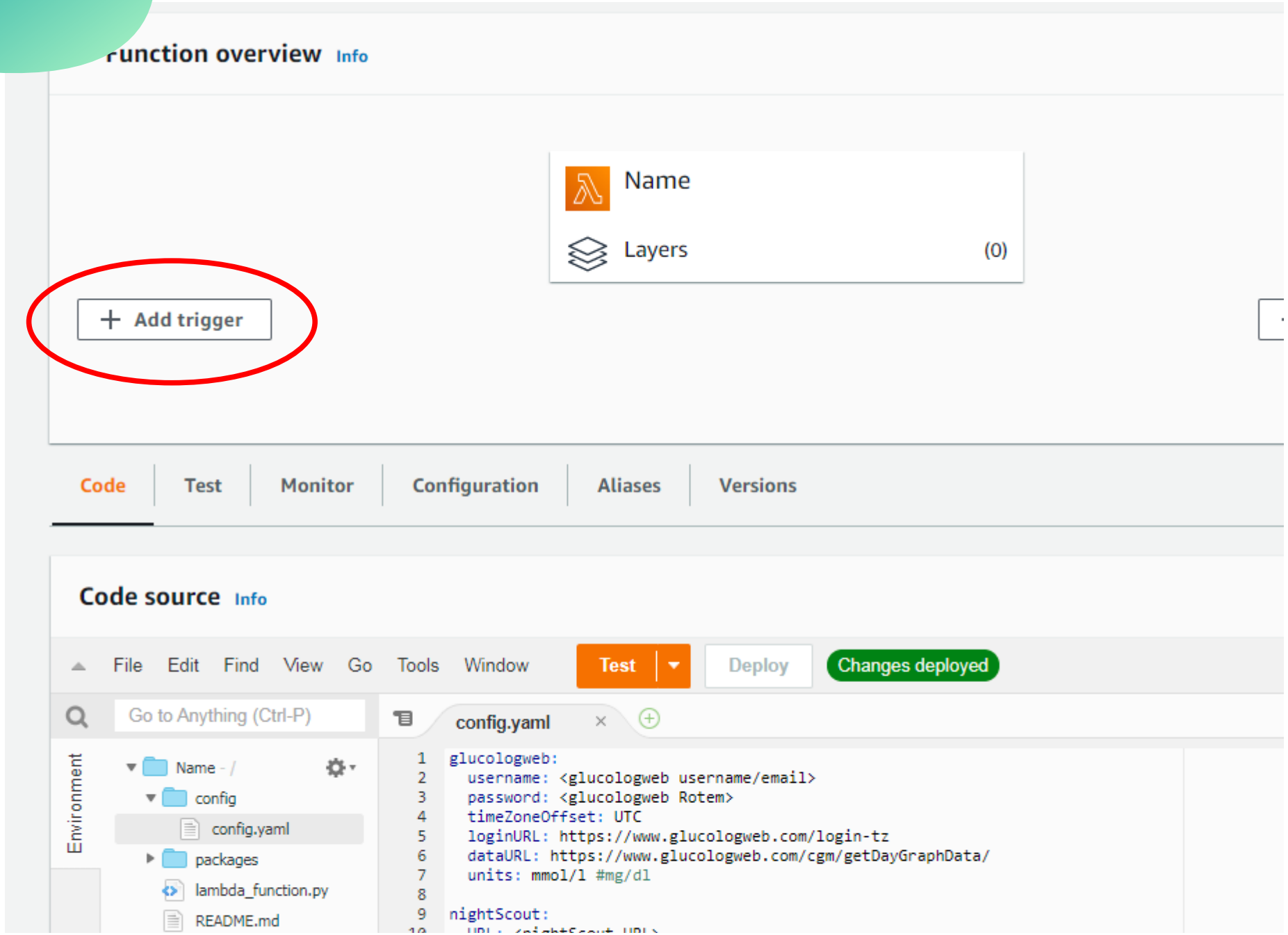
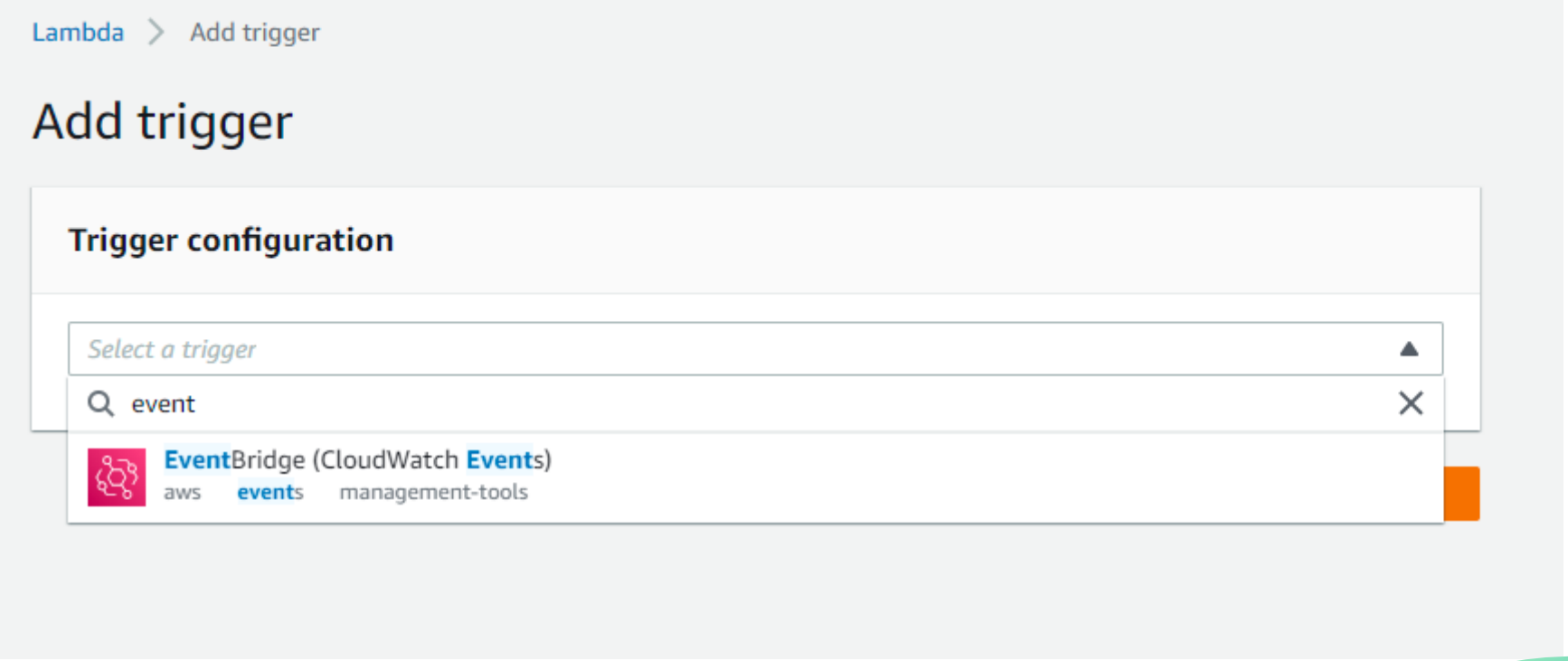
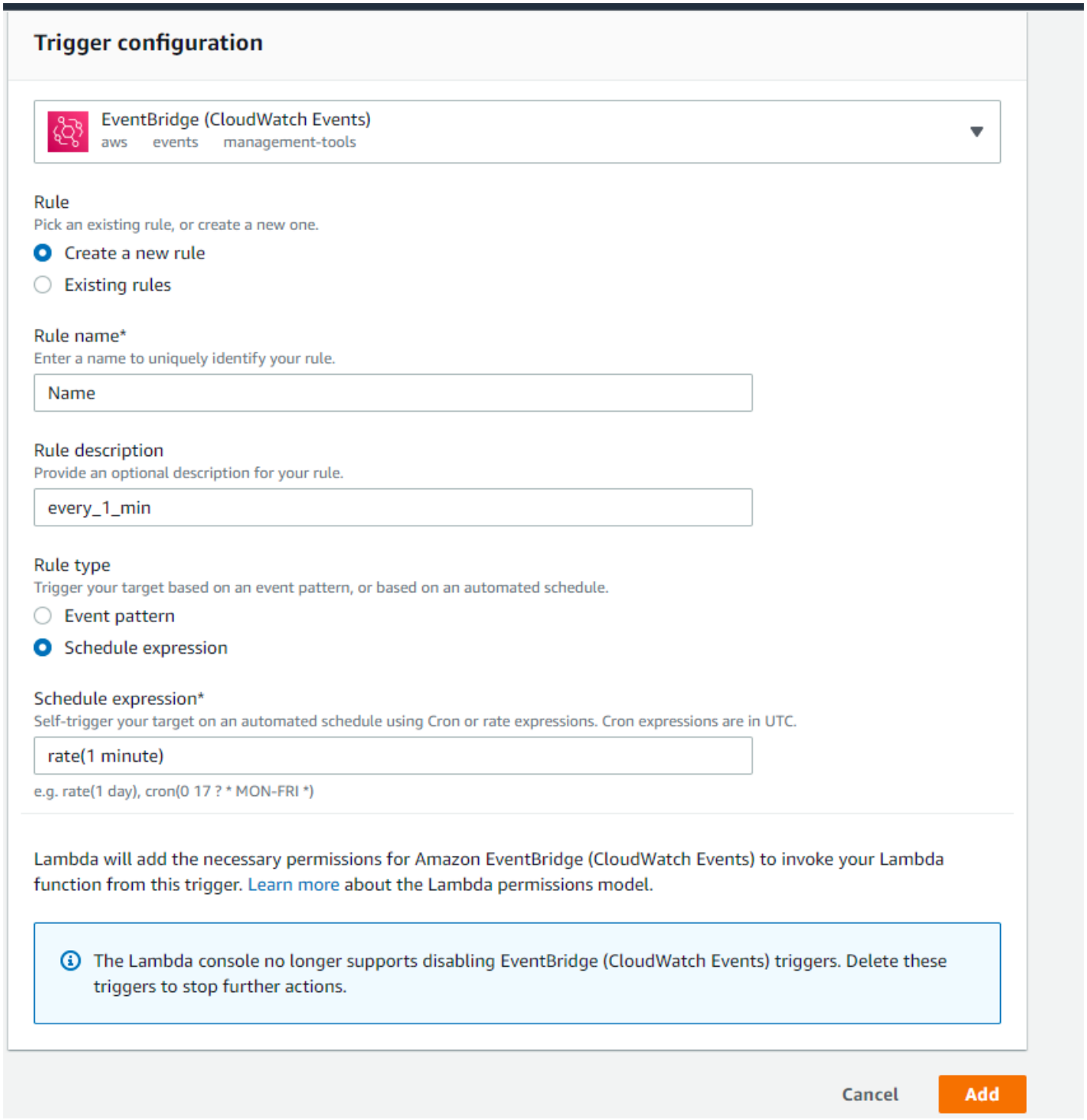
8. Click on 'Add trigger'



8.1. In the search start typing 'event' and click on the result 'Event Bridge'





8.2. In the Trigger Configuration:

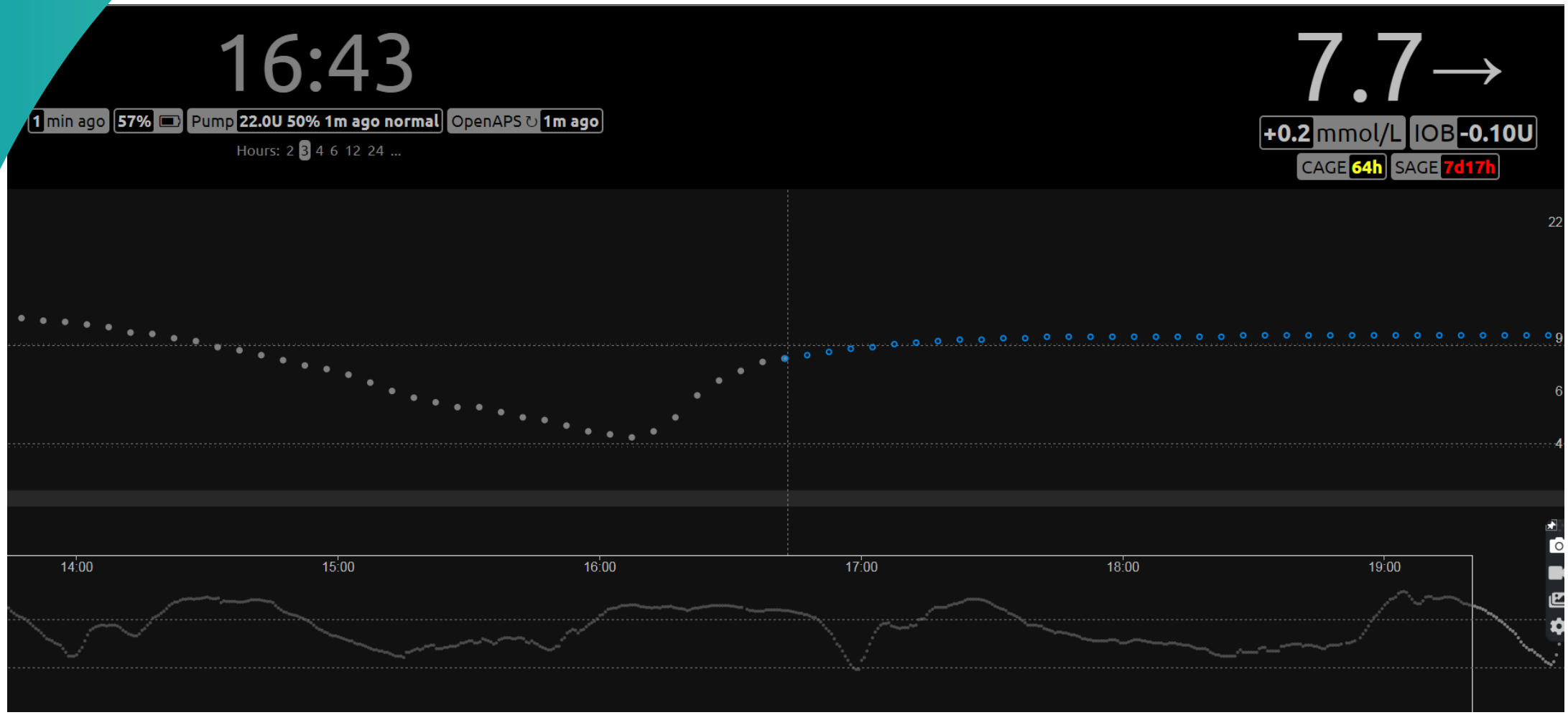
- Select 'Create new rule'

- Under 'Rule name' enter a name. It can be anything
- Under 'Rule description' type in every_1_minute
- Under 'Rule type' select 'Schedule expression'

Under 'Schedule Expression*' type in EXACTLY rate(1 minute). The expression is case sensitive, so be careful. There is space only between 1 and minute.

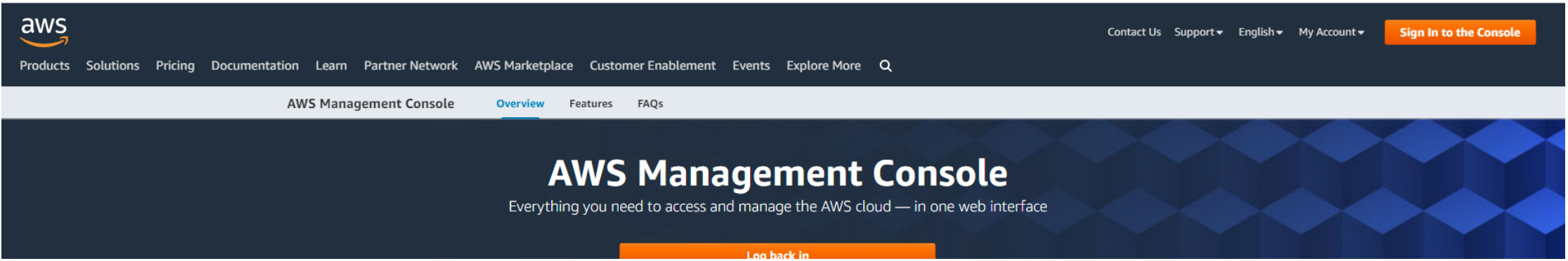
Clock on the 'Add' button

That's it! Your data is being redirected to your Nightscout!

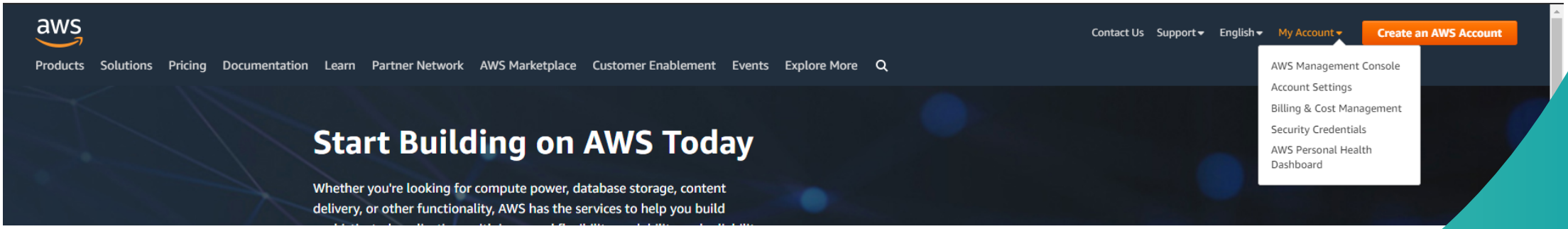


Notes:

How to load the AWS console if you need to go back to it again. One way is to load:



If you enter from https://aws.amazon.com, select from the dropdown menu 'My Account' and then 'AWS Management Console'



The given code and manual are provided ‘As is’. Use them with care and under your own responsibility. We can’t guarantee you technical support by e-mail, message, phone call or any other way of communication due to the busy schedule of the authors. We ask for understanding.